

LISTE DE SEQUENCES

<110> AVENTIS PHARMA SA

<120> Procédé d'obtention de lignées de mastocytes

<130> MASTOCYTES

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<170> PatentIn Ver. 2.1

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Arg Leu Leu Leu Ile Leu Arg Asp Pro Ser Glu Arg Val Leu Ser Asp		
145	150	155
Tyr Thr Gln Val Phe Tyr Asn His Val Gln Lys His Lys Pro Tyr Pro		
165	170	175
Ser Ile Glu Glu Phe Leu Val Arg Asp Gly Arg Leu Asn Val Asp Tyr		
180	185	190
Lys Ala Leu Asn Arg Ser Leu Tyr His Val His Met Gln Asn Trp Leu		
195	200	205
Arg Phe Phe Pro Leu Arg Arg Ile His Ile Val Asp Gly Asp Arg Leu		
210	215	220
Ile Arg Asp Pro Phe Pro Glu Ile Gln Lys Val Glu Arg Phe Leu Met		
225	230	235
Leu Ser Pro Gln Ile Asn Ala Ser Asn Phe Tyr Phe Asn Lys Thr Lys		
245	250	255
Gly Phe Tyr Cys Leu Arg Asp Gly Gly Arg Asp Arg Cys Leu His Glu		
260	265	270
Ser Lys Gly Arg Ala His Pro Gln Ile Asp Pro Lys Leu Leu Asn Lys		
275	280	285
Leu His Glu Tyr Phe His Glu Pro Asn Lys Lys Phe Phe Glu Leu Val		
290	295	300
Gly Arg Thr Phe Asp Trp His		
305	310	

<210> 6
 <211> 1236
 <212> ADN
 <213> Sus scrofa

<220>

<221> CDS

<222> (1)..(1236)

<400> 6

atg cgg cgg cgg cgc gct ggc agc agg acc atg gtt gag cgc gcc agc 48
Met Arg Arg Arg Ala Gly Ser Arg Thr Met Val Glu Arg Ala Ser
15
5 10 15

aag ttc gtg ctg gtc gtg ggc tcg gcg tgc ttc atg ctc atc ctc 96
Lys Phe Val Leu Val Val Ala Gly Ser Ala Cys Phe Met Leu Ile Leu
20 25 30

) tac cag tac gcg ggc ccg ggg ctg agc ctg ggc gcg ccc ggc ggc cgc 144
Tyr Gln Tyr Ala Gly Pro Gly Leu Ser Leu Gly Ala Pro Gly Gly Arg
35 40 45

gcg ccg ccc gac gac ctg gac ctc ttc ccc acg ccc gac ccg cac tac 192
Ala Pro Pro Asp Asp Leu Asp Leu Phe Pro Thr Pro Asp Pro His Tyr
50 55 60

gag aag aag tac tac ttc ccg gtg cgc gag ctg gag cgc tcg ctg cac 240
Glu Lys Lys Tyr Tyr Phe Pro Val Arg Glu Leu Glu Arg Ser Leu His
65 70 75 80

) ttc gac atg aag ggc gac gac gtg ata gtc ttc ttg cac atc cag aaa 288
Phe Asp Met Lys Gly Asp Asp Val Ile Val Phe Leu His Ile Gln Lys
85 90 95

) acg ggc ggc acc acc ttc ggc cgt cac ctc gtg cag aac gtg cgc ctc 336
Thr Gly Thr Thr Phe Gly Arg His Leu Val Gln Asn Val Arg Leu
100 105 110

) gag gtg ccc tgc gac tgc cgg ccc ggc cag aag aag tgc acc tgc tac 384
Glu Val Pro Cys Asp Cys Arg Pro Gly Gln Lys Lys Cys Thr Cys Tyr
115 120 125

cgg ccc aac cgc cgc gag acc tgg ctc ttc tcc cgc ttc tcc acg ggc 432
Arg Pro Asn Arg Arg Glu Thr Trp Leu Phe Ser Arg Phe Ser Thr Gly
130 135 140

tgg agc tgc gga ctg cac gcc gac tgg acc gag ctc acc aac tgc gtg 480
Trp Ser Cys Gly Leu His Ala Asp Trp Thr Glu Leu Thr Asn Cys Val
145 150 155 160

ccc ggc gtg ctg gac cgc cgc gac ccc gcc gcg ctg cgc acg ccc agg 528
Pro Gly Val Leu Asp Arg Arg Asp Pro Ala Ala Leu Arg Thr Pro Arg
165 170 175

aag ttc tac tac atc acc ctg ctg cga gac ccc gtg tcc cgc tac ctg Lys Phe Tyr Tyr Ile Thr Leu Leu Arg Asp Pro Val Ser Arg Tyr Leu	180	185	190	576
agt gag tgg cggtat gta cag cggtttt ggg gcc aca tgg aag acg tcg ctg Ser Glu Trp Arg His Val Gln Arg Gly Ala Thr Trp Lys Thr Ser Leu	195	200	205	624
cac atg tgt gac ggg cgc acg ccc acc cct gag gag ctg cca ccc tgc His Met Cys Asp Gly Arg Thr Pro Thr Pro Glu Glu Leu Pro Pro Cys	210	215	220	672
) tac gag ggc acg gac tgg tcg ggc tgc aca ctg cag gag ttc atg gac Tyr Glu Gly Thr Asp Trp Ser Gly Cys Thr Leu Gln Glu Phe Met Asp	225	230	235	720
tgc ccc tac aac ctg gcc aat aac cgc cag gtg cga atg ctg gcc gac Cys Pro Tyr Asn Leu Ala Asn Asn Arg Gln Val Arg Met Leu Ala Asp	245	250	255	768
ctg agc ctg ggc tgc tac aac ctg tcc atc ccc gag ggc aag Leu Ser Leu Val Gly Cys Tyr Asn Leu Ser Phe Ile Pro Glu Gly Lys	260	265	270	816
cgg tcc caa ctg ctg ctg gaa agc gcc aag aag aac ctg cgg ggc atg Arg Ser Gln Leu Leu Leu Glu Ser Ala Lys Lys Asn Leu Arg Gly Met	275	280	285	864
) gcc ttc ttc ggc ctg acc gag ttc cag cgc aag acg cag tac ctg ttc Ala Phe Phe Gly Leu Thr Glu Phe Gln Arg Lys Thr Gln Tyr Leu Phe	290	295	300	912
gag cgg acg ttc aac ctc aag ttc atc cgg cct ttc atg cag tac aac Glu Arg Thr Phe Asn Leu Lys Phe Ile Arg Pro Phe Met Gln Tyr Asn	305	310	315	960
agc acg cga gcg ggt ggc gtg gag gtg ggt gag gac acc atc cgg cgc Ser Thr Arg Ala Gly Gly Val Glu Val Gly Glu Asp Thr Ile Arg Arg	325	330	335	1008
att gag gag ctc aac gac ctg gac atg cag ctg tac gac tac gcc agg Ile Glu Glu Leu Asn Asp Leu Asp Met Gln Leu Tyr Asp Tyr Ala Arg	340	345	350	1056
gac ctc ttc cag cag cgc tat cag tac aag cgg cag ctg gag cgc cgg Asp Leu Phe Gln Gln Arg Tyr Gln Tyr Lys Arg Gln Leu Glu Arg Arg	355	360	365	1104

cag cag cgc ctc cgg agc cgc gag gag cgc ctg ctg cac cgg gcc aag 1152
 Gln Gln Arg Leu Arg Ser Arg Glu Glu Arg Leu Leu His Arg Ala Lys
 370 375 380

gag gcg cca cct cgg ggg gac acc gag gag ccg ggc cga gtg ccc act 1200
 Glu Ala Pro Pro Arg Gly Asp Thr Glu Glu Pro Gly Arg Val Pro Thr
 385 390 395 400

gag gac tac atg agc cac atc atc gag aag tgg tag 1236
 Glu Asp Tyr Met Ser His Ile Ile Glu Lys Trp
 405 410

<210> 7
 <211> 411
 <212> PRT
 <213> Sus scrofa

<400> 7
 Met Arg Arg Arg Arg Ala Gly Ser Arg Thr Met Val Glu Arg Ala Ser 15
 1 5 10 15

Lys Phe Val Leu Val Val Ala Gly Ser Ala Cys Phe Met Leu Ile Leu
 20 25 30

Tyr Gln Tyr Ala Gly Pro Gly Leu Ser Leu Gly Ala Pro Gly Gly Arg
 35 40 45

Ala Pro Pro Asp Asp Leu Asp Leu Phe Pro Thr Pro Asp Pro His Tyr
 50 55 60

Glu Lys Lys Tyr Tyr Phe Pro Val Arg Glu Leu Glu Arg Ser Leu His
 65 70 75 80

Phe Asp Met Lys Gly Asp Asp Val Ile Val Phe Leu His Ile Gln Lys
 85 90 95

Thr Gly Gly Thr Thr Phe Gly Arg His Leu Val Gln Asn Val Arg Leu
 100 105 110

Glu Val Pro Cys Asp Cys Arg Pro Gly Gln Lys Lys Cys Thr Cys Tyr
 115 120 125

Arg Pro Asn Arg Arg Glu Thr Trp Leu Phe Ser Arg Phe Ser Thr Gly
 130 135 140

Trp Ser Cys Gly Leu His Ala Asp Trp Thr Glu Leu Thr Asn Cys Val

145	150	155	160
Pro Gly Val Leu Asp Arg Arg Asp Pro Ala Ala Leu Arg Thr Pro Arg			
165		170	175
Lys Phe Tyr Tyr Ile Thr Leu Leu Arg Asp Pro Val Ser Arg Tyr Leu			
180		185	190
Ser Glu Trp Arg His Val Gln Arg Gly Ala Thr Trp Lys Thr Ser Leu			
195		200	205
His Met Cys Asp Gly Arg Thr Pro Thr Pro Glu Glu Leu Pro Pro Cys			
210		215	220
Tyr Glu Gly Thr Asp Trp Ser Gly Cys Thr Leu Gln Glu Phe Met Asp			
225		230	240
Cys Pro Tyr Asn Leu Ala Asn Asn Arg Gln Val Arg Met Leu Ala Asp			
245		250	255
Leu Ser Leu Val Gly Cys Tyr Asn Leu Ser Phe Ile Pro Glu Gly Lys			
260		265	270
Arg Ser Gln Leu Leu Leu Glu Ser Ala Lys Lys Asn Leu Arg Gly Met			
275		280	285
Ala Phe Phe Gly Leu Thr Glu Phe Gln Arg Lys Thr Gln Tyr Leu Phe			
290		295	300
Glu Arg Thr Phe Asn Leu Lys Phe Ile Arg Pro Phe Met Gln Tyr Asn			
305		310	320
Ser Thr Arg Ala Gly Gly Val Glu Val Gly Glu Asp Thr Ile Arg Arg			
325		330	335
Ile Glu Glu Leu Asn Asp Leu Asp Met Gln Leu Tyr Asp Tyr Ala Arg			
340		345	350
Asp Leu Phe Gln Gln Arg Tyr Gln Tyr Lys Arg Gln Leu Glu Arg Arg			
355		360	365
Gln Gln Arg Leu Arg Ser Arg Glu Glu Arg Leu Leu His Arg Ala Lys			
370		375	380
Glu Ala Pro Pro Arg Gly Asp Thr Glu Glu Pro Gly Arg Val Pro Thr			
385		390	400
Glu Asp Tyr Met Ser His Ile Ile Glu Lys Trp			

<210> 8
<211> 39
<212> ADN
<213> Sus scrofa

<400> 8
gaccacgcgt atcgatgtcg actttttttt ttttttttv

39

)<210> 9
<211> 33
<212> ADN
<213> Sus scrofa

<400> 9
ggaattcctc gagagcagga acgtggaaag gag

33

<210> 10
<211> 22
<212> ADN
<213> Sus scrofa

<400> 10
gaccacgcgt atcgatgtcg ac

22

)<210> 11
<211> 17
<212> ADN
<213> Sus scrofa

<400> 11
gcagcagcca cgtcgaaa

17

<210> 12
<211> 20
<212> ADN
<213> Sus scrofa

<400> 12
tcagtgyca gtcraatgttc

20

<210> 13
<211> 18
<212> ADN
<213> Sus scrofa

<400> 13
cgngaccgc ctnatcag

18

<210> 14
<211> 20
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<213> Sus scrofa

) <400> 14
tcagtgycag tcraatgttc

20

<210> 15
<211> 27
<212> ADN
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<400> 15
attctagagg ccgagggggc cgacatg

27

<210> 16
<211> 19
) <212> ADN
<213> Sus scrofa

<400> 16
gcaccccccag atcgacccc

19

<210> 17
<211> 23
<212> ADN
<213> Sus scrofa

<400> 17
caaactcctc aataaactgc acg

23

<210> 18
<211> 48

<212> ADN
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<400> 18
ggggacaagt ttgtacaaaa aaggcaggctc agcatggccg cgctgctc

48

<210> 19
<211> 52
<212> ADN
<213> Sus scrofa

<400> 19
gggaccacctt tgtacaagaa agctgggttt agtgccagtc aaatgttctg cc

52

<210> 20
<211> 19
<212> ADN
<213> Sus scrofa

<400> 20
agatgactgg tcgggctgc

19

<210> 21
<211> 23
<212> ADN
<213> Sus scrofa

<400> 21
caatgatrtg gctcatgtag tcc

23

<210> 22
<211> 25
<212> ADN
<213> Sus scrofa

<400> 22
atggttgagc gcgccagcaa gttcg

25

<210> 23
<211> 24
<212> ADN
<213> Sus scrofa

<400> 23
ggttattggc caggtttag tag gggc

24

<210> 24
<211> 28
<212> ADN
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<400> 24
attcttagagg ccgaggccgc cgacatgt

28

)<210> 25
<211> 18
<212> ADN
<213> Sus scrofa

<400> 25
ggacctcttc cagcagcg

18

<210> 26
<211> 21
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<213> Sus scrofa

<400> 26
gctatcagta caagcggcag c

21

)<210> 27
<211> 16
<212> ADN
<213> Sus scrofa

<400> 27
ccaggctcag ccccg

16

<210> 28
<211> 39
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<400> 28
gaccacgcgt atcgatgtcg actttttttt tttttttv

39

<210> 29
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ggcaatgtcg acctccctac aac 23

<210> 30
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) <400> 30
tcagccccgg gccccg 17

<210> 31
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<400> 31
ctccctacaa cccgaattcc tac 23

) <210> 32
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<213> Sus scrofa

<400> 32
gccccgcgtac tggtagagg 19

<210> 33
<211> 56
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<400> 33
ggggacaagt ttgtacaaaa aaggcaggctt aggacaatgg tgacacatgc ggcggc 56

<210> 34
<211> 55

<212> ADN

<213> Sus scrofa

<400> 34

ggggaccact ttgtacaaga aagctgggtc ctaccacttc tcgatgatgt ggctc

55